

~~Abstract~~ABSTRACT OF THE DISCLOSURE

~~A-~~The invention provides a light source and a projector are provided, in which with  
sufficiently high luminance and size reduction which recent lamps require can be met, the  
elongation of a lifetime of the lamp can be realized, and the for related art lamps, an increased  
lamp lifetime, and reduced noises from a cooling fan can be reduced. fan. A light source,  
including source includes a concave ~~mirror 6~~mirror which has a reflecting ~~part 6C~~part that  
reflects light, non-reflecting ~~parts 6D~~parts adjacent to this reflecting part, and permeable  
~~ports 6E, 6F~~ports that pass through the non-reflecting parts, and which opens forward; a ~~lamp~~  
~~10~~lamp which is arranged in this concave mirror and emits the light; and a light permeable  
~~member 8~~member which covers the opening part of the concave ~~mirror~~, is characterized in  
~~that the mirror.~~ The concave mirror includes a ~~mesh 12~~mesh arranged in a position where it  
covers the permeable port, and a protective ~~wall 14 for protecting wall to protect~~ the mesh,  
which is arranged in a position where direct collision between the mesh and broken pieces of  
the lamp made by a burst of the lamp is reduced or prevented.